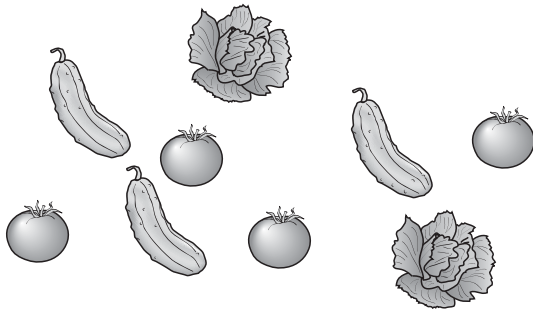


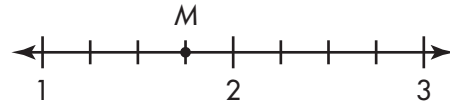
Mark the best answer.

1. What fraction of the vegetables are tomatoes? (10-1)



- A  $\frac{2}{9}$   
 B  $\frac{1}{3}$   
**C  $\frac{4}{9}$**   
 D  $\frac{7}{9}$
2. How can  $\frac{3}{12}$  be written in simplest form? (10-6)
- A Multiply 3 and 12 by their GCF, 3.  
 B Multiply 3 and 12 by their GCF, 6.  
**C Divide 3 and 12 by their GCF, 3.**  
 D Divide 3 and 12 by their GCF, 6.

3. Which number represents Point  $M$  on the number line? (10-9)



- A  $1\frac{4}{5}$   
**B  $1\frac{3}{4}$**   
 C  $\frac{4}{5}$   
 D  $\frac{3}{4}$
4. The grocery store is  $\frac{4}{5}$  mile away from Malik's house, his school is  $2\frac{2}{5}$  miles away, and the field where he practices soccer is  $\frac{3}{4}$  mile away. Which list has the distances from Malik's house in order from least to greatest? (10-5)
- A  $\frac{3}{4}, \frac{4}{5}, 2\frac{2}{5}$**   
 B  $\frac{4}{5}, 2\frac{2}{5}, \frac{3}{4}$   
 C  $\frac{4}{5}, \frac{3}{4}, 2\frac{2}{5}$   
 D  $2\frac{2}{5}, \frac{4}{5}, \frac{3}{4}$
5. Which number is equal to  $2\frac{34}{1,000}$ ? (10-8)

- A 1.34  
 B 2.0034  
**C 2.034**  
 D 2.34

- 6.** The local garden center has their flowers arranged as shown. The roses take up  $300 \text{ ft}^2$ . Find the best estimate for the amount of space taken up by the daisies. (10-10)

Lilies	Mums
Roses	
Tulips	Daisies

- A** Roses take up  $300 \text{ ft}^2$ , and daisies take up about  $\frac{1}{2}$  of that, so  $300 \div 2 = 150 \text{ ft}^2$ .
- B** Roses take up  $300 \text{ ft}^2$  and daisies take up about  $\frac{1}{3}$  of that, so  $300 \div 3 = 100 \text{ ft}^2$ .
- C** Roses take up  $300 \text{ ft}^2$  plus daisies about  $\frac{1}{3}$ . So  $300 + \frac{1}{3} = 300\frac{1}{3} \text{ ft}^2$ .
- D** Roses are about  $\frac{1}{3}$  of total garden area, and daisies are  $\frac{1}{5}$ . So  $300 \times 3 = 900$ , and  $\frac{1}{5}$  of that is  $900 \div 5 = 180 \text{ ft}^2$ .

- 7.** To make fruit-nut bars, Jerome will use  $\frac{2}{3}$  cup walnuts, and  $\frac{9}{10}$  cup of cranberries. Which of the following compares  $\frac{2}{3}$  and  $\frac{9}{10}$  correctly? (10-5)

**A**  $\frac{2}{3} = \frac{9}{10}$

**B**  $\frac{2}{3} > \frac{9}{10}$

**C**  $\frac{9}{10} < \frac{2}{3}$

**D**  $\frac{2}{3} < \frac{9}{10}$

- 8.** Which is equal to  $\frac{14}{6}$ ? (10-3)

**A**  $2\frac{2}{14}$

**B**  $2\frac{1}{3}$

**C**  $2\frac{6}{14}$

**D**  $3\frac{1}{3}$

- 9.** A class survey shows that  $\frac{5}{8}$  of the students have a pet. Which is equal to  $\frac{5}{8}$ ? (10-7)

**A** 0.625

**B** 1.25

**C** 6.25

**D** 62.5

10. If you located the following numbers on a number line, which would be closest to 0? (10-9)

$$0.3, \frac{3}{100}, \frac{4}{5}, \frac{3}{20}$$

A  $\frac{4}{5}$

B 0.3

C  $\frac{3}{20}$

**D**  $\frac{3}{100}$

11. Which is  $\frac{25}{40}$  in simplest form? (10-6)

A  $\frac{2}{8}$

B  $\frac{3}{8}$

**C**  $\frac{5}{8}$

D  $\frac{8}{5}$

12. Which of the following is equivalent to  $\frac{5}{9}$ ? (10-4)

A  $\frac{27}{15}$

B  $\frac{15}{18}$

**C**  $\frac{15}{27}$

D  $\frac{10}{27}$

13. What is  $\frac{9}{1,000}$  written as a decimal? (10-8)

**A** 0.009

B 0.09

C 0.9

D 9

14. Which represents  $3 \div 5$  written as a fraction? (10-2)

**A**  $\frac{3}{5}$

B  $\frac{3}{4}$

C  $\frac{5}{3}$

D  $1\frac{2}{3}$